ABSTRACT

A coin separator and rejector apparatus that will electronically release and return jammed coins, tokens, slugs and the like is disclosed. A coin separator and rejector body is described having one or more downwardly inclined coin races formed therein. The rejector body has an upstream portion and a downstream portion. The coin races further comprise a first wall and a second wall wherein at least a portion of one of the race walls is pivotally connected with the rejector body. A first sensor is located in the upstream portion of the rejector body and a second sensor located in said downstream portion of said rejector body. An actuator is in mechanical connection with the pivotal portion of the race wall. A processor is in electrical communication with the sensors and with said actuator. A coin in an upstream portion of a coin separator and rejector is detected by the first sensor and sends a signal to the processor. The processor is programmed to wait a predetermined period of time to receive a signal from the second sensor indicating that the coin has progressed in the coin race to the second sensor. If the processor receives no signal from the second sensor after a predetermined time period has passed, the processor sends a signal to the actuator to open the pivotally connected portion of the separator and rejector to allow the jammed coin to be released from the separator and rejector.